

## iVu Plus touch screen vision sensors with Integrated or Remote Display.

The iVu Plus delivers complex inspection capabilities and unprecedented flexibility in an affordable, easy-to-apply sensor. Ethernet connectivity enables iVu Plus sensors to share inspection data directly with PLCs, PCs or other factory devices making communications and control even easier on the plant floor. The iVu Plus is also capable of storing up to 30 inspections accommodating rapid product changeover.

The iVu Plus BCR reads and optionally validates data within DataMatrix (ECC200 barcodes), several linear barcodes, (e.g., Code 128), Pharmacode, and postal codes (e.g., Postnet and IMB). With the support of Ethernet connectivity and Industrial Protocols, the iVu Plus BCR sensor also has the ability to remotely update the data used for validation from anywhere on the Ethernet network over TCP/IP, EtherNet/IP or Modbus/TCP protocols.

- ▶ No external PC required to configure the sensor
- ► Integrated or remote touch screen display allows easy access to the user interface and to view inspection images
- Remotely update and compare data used for barcode validation from anywhere on the Ethernet network
- ► Ethernet communications provide enhanced control of and communications with the sensor
- ► EtherNet/IP and Modbus/TCP simplify communications with many PLCs and HMIs
- ► Multiple inspections that facilitate storage, selection and control of up to 30 inspections for fast product turnover
- ► IEC IP67-rated housing rugged and versatile to suit a broad range of application environments
- ➤ Several lens and lighting options to meet a variety of application needs

# High-performance reading of industry standard bar codes without a PC

## Reads and validates 1D and 2D bar codes in all industries

- ► Data Matrix (ECC 200)
- ► Code 128
- ► Code 39
- ► Codabar
- ► Interleaved 2 of 5
- ► EAN-13 (UPC-A)
- ► EAN-8
- ▶ UPC-E
- ► Postnet
- ► IMB
- ► Pharmacode







40-plus years of sensor design experience, quality control, sales support and cost-effective solutions

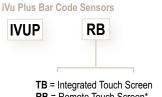
- ► Banner quality products with global availability
- ► Rapid customization with most products shipping in 3 days or less
- ► Industry's largest force of application engineers to solve your toughest challenges
- ► More than 3,000 factory and local field representatives to serve you

www.bannerengineering.com

1.888.373.6767



## **Dimensions**



RB = Remote Touch Screen\*

\*Remote display RD35 is required for set up and viewing remote touch screen sensors. Display and cordsets are ordered separately.

### Ring Light Lens R 80 R = Red **04** = 4.3 mm W = White **06** = 6 mm I = Infrared **08** = 8 mm **B** = Blue **12** = 12 mm **16** = 16 mm G = Green X = No Light **25** = 25 mm



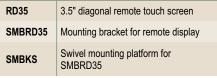
## Remote Display Accessory Kits†

(Includes corsdet, SMBRD35 bracket/docking station, stylus and hardware)

Description		Models	Length
	Cordset 8-pin Euro-style, straight to Molex	IVURD-MXK-803	1 m
		IVURD-MXK-806	2 m
		IVURD-MXK-815	5 m
		IVURD-MXK-830	9 m
		IVURD-MXK-850	16 m

† SMBRD35 bracket/docking station and cordsets are sold individually, contact factory at 1-888-373-6767 for model numbers.

# **Remote Display Touch Screen** 82.9 mm



Description

## **Ethernet Communication Cordsets**

Description		Models	Length
	RJ45 to 4-pin Pico-Style QD straight (female)	IVUC-E-406	2 m
		IVUC-E-415	5 m
		IVUC-E-430	9 m
		IVUC-E-450	16 m
		IVUC-E-475	23 m

Models

## **Lenses and Filters**

Models	Description	
LMF04	4.3 mm Lens	
LMF06	6 mm Lens	
LMF08	8 mm Lens	
LMF12	12 mm Lens	
LMF16	16 mm Lens	
LMF25	25 mm Lens	

Models Description	
FLTMI	Infrared (760 nm) Filter
FLTMB	Blue (470 nm) Filter
FLTMG	Green (525 nm) Filter
FLTMR	Red (635 nm) Filter

## Power, I/O and Serial Cordsets

Description		Models*	Length
	12-Pin M12/Euro-style QD, straight with open shield (female) (for CE compliance)	MQDC2S-1206	2 m
		MQDC2S-1215	5 m
		MQDC2S-1230	9 m
		MQDC2S-1250	16 m
	12-Pin M12/Euro-style QD, straight (female)	IVUC-1206	2 m
		IVUC-1215	5 m
		IVUC-1230	9 m
		IVUC-1250	16 m

 $<sup>^{\</sup>star}$  For a right-angle cordset, add RA to model number (example, MQDC2S-1206).

### **Brackets**

Models	Description	Models	Description
	SMBIVURAL Right-angle bracket for mounting sensor from left		SMBIVUB Bottom mounting bracket
0	SMBIVURAR Right-angle bracket for mounting sensor from right		SMBIVUU U-shaped swivel bracket kit (includes SMBIVUB)

## **USB Cordsets**

Description		Models	Length
	4-pin M8/Pico-style, straight to USB	PSG-4M-4005-USB	0.15 m
		PSG-4M-401-USB	0.30 m
Use with: Remote touch screen models		PSG-4M-403-USB	0.90 m
		PSG-4M-410-USB	3 m

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